

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



S M I L E Y S

WATER GARDENS SEWARD • NEBR.

FRONT COVER \$ **9.40** Post paid
COLLECTION

Upper left—Amabilis
Upper right—Gonnere
Center left—Paul Harlot
Center right—Comanche
Lower left—James Brydon
Lower right—Escarboucle
(See page 8)

Down Go Smiley's Prices!

***Large Volume and Low Overhead
Enable Us to Save You
Money***

HUGE VOLUME

We are now one of the world's largest growers of Water Lilies. Our production, each year, is over a HALF MILLION plants. Smiley Water Lilies are shipped to every state in the Union, and to foreign countries.

This tremendous volume enables us to offer LOWER PRICES!

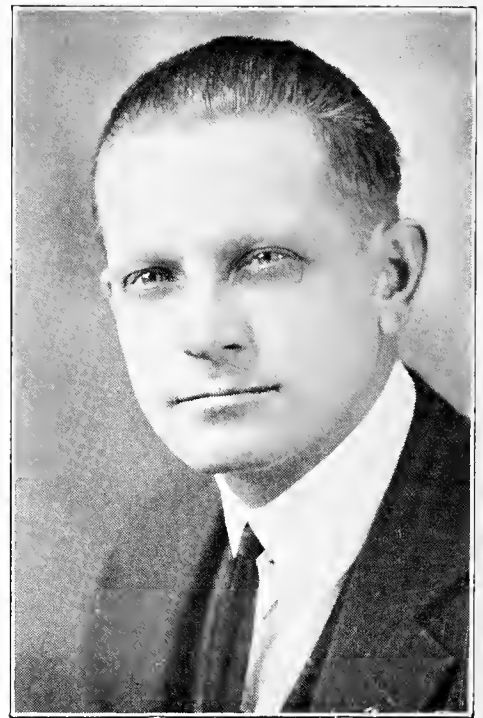
LOWER OVERHEAD

1. We are situated in a locality where labor costs are unusually low. These savings are given to you in LOWER PRICES!

2. Free-running artesian wells supply us with an abundance of constantly running water, the year 'round, at no cost. The saving we make through not requiring expensive wells, pumping machinery and pumping fuel costs, is passed on to you in LOWER PRICES!

3. In our climate, water lily plants enter the vital "dormant" period, during the winter, *naturally*. This eliminates the expense of digging, storing and re-planting our plants each season. This saving is given to you in LOWER PRICES!

Earl Smiley



● Just compare our prices with any other grower and see the savings we make you. At the same time, remember that Smiley quality is the very finest.

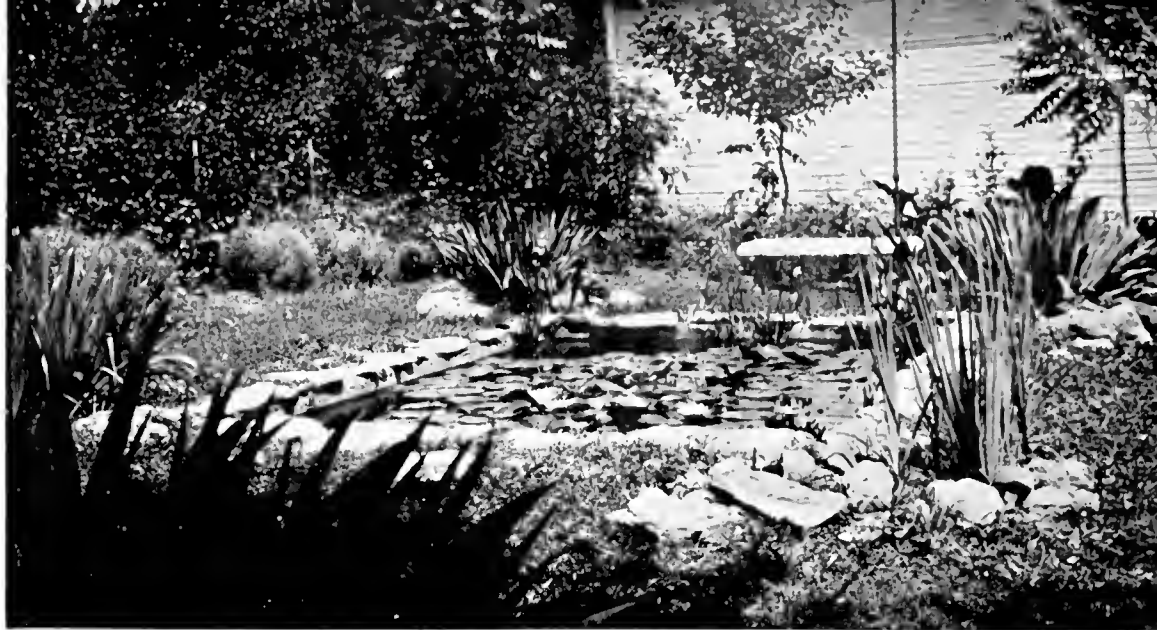
Gardens at
Beaver Crossing
Visitors Welcome

Where Smiley
Water Lilies are
grown. A few of the
many pools in
Smiley's Water
Gardens



Ornamental Pools for LAWNS AND GARDENS

**Inexpensive—with Concrete
EASY TO BUILD**



Ornamental pools are a never-ending source of delight. From early spring until late in fall, your garden pool sets a beautiful stage for enjoyment of colorful fish and aquatic plants. The ornamental pool is the center of enjoyment in your "outdoor living room."

Designing the Pool

The general character of your garden—whether it is formal, or informal in a natural setting—will suggest the style.

Small species of water lilies require only a small pool—three feet or more in diameter. Larger varieties must have a pool at least six feet wide. Depth depends upon the type of planting. For water lilies, a depth of at least 22 inches is desirable.

Garden pools may be combined with rock gardens, often with a miniature waterfall running down a rocky course into the pool.

Building the Pool

Excavate to the required depth including the thickness of the floor. Pools with vertical sides are built with forms. If the soil is firm, no outside form is needed.

Pools with sloping sides often are built by "plastering" a stiff concrete in place. Wire mesh reinforcement is used. Natural rock may be set in the concrete.

Pools having curved or irregular shaped walls are made with forms of 20 gauge galvanized iron, readily bent to the desired shape.

Reinforcement

Reinforcement should be used as shown in the accompanying drawings. Place the floor and walls in one operation to avoid construction joints.

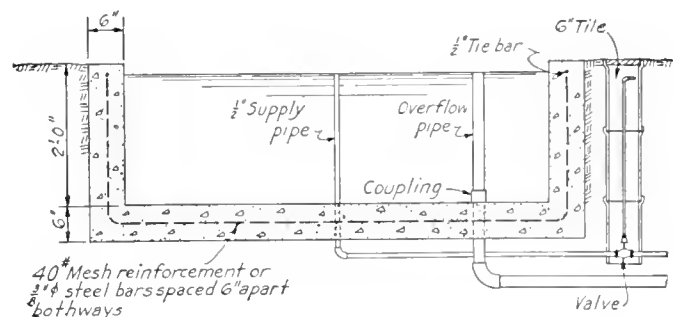
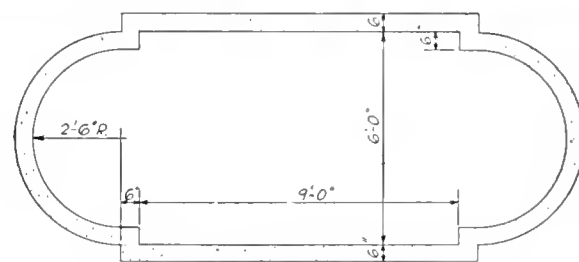
Support the interior wall forms across the top of the excavation so that the bottom hangs six inches from the bottom of the pit. Spreaders, or braces, extending across the pool from one form to the other, prevent bulging when the forms are filled with concrete.

Making the Concrete

Strong, durable, watertight concrete is easily made. Most important is the amount of water used per sack of cement.

Use about 1½ to 5 gallons of water per sack.

The correct mix (determined by a trial batch) should be plastic, holding its shape well, but not crumbly. If too stiff, use slightly less



Plan and Cross Section of a Simple Garden Pool

sand and gravel; if "runny," add sand and gravel until the proper proportion is obtained.

1. Make a dry mix of about 1 part portland cement, 2 parts clean sharp sand, 2½ to 3 parts clean gravel. Mix thoroughly until the color is uniform—no gray or brown streaks.

2. Add correct amount of water and mix until sand and pebbles are thoroughly coated with cement paste.

The concrete should be placed within 30 minutes.

Placing the Concrete

Oil the inside of the forms so that concrete will not stick to them. First place the concrete for the floors. Then deposit the concrete for the walls in 6 or 8-inch layers all around the pool, spading each layer as it is placed. A garden hoe, straightened out, makes a good spading tool.

Often, pools are built partly above grade. A foundation two or three feet deep should be used.

Curing

Do not permit newly placed concrete to dry out

Protect it from sun and drying wind for a week to 10 days. A covering of burlap or canvas, sprinkled often enough to keep it moist, is a satisfactory covering while curing.

The Miniature Pool or Tub Garden

The most inexpensive is the tub garden. Not much room is needed—only three or four feet square makes a very nice, small water garden. Choose a sunny spot and sink a wash tub or half barrel in the ground. Two or three tubs are sometimes grouped together filling in the space with perennials or rock plants. The tub should be filled with five or six inches of good garden loam with a big handful of commercial fertilizer well mixed in. At intervals of three weeks a spoonful of fertilizer added to each plant will tend to produce more blossoms.





Chromatella (Marliac Yellow) — Marliac White — Marliac Pink

Marliac Trio



\$2.40

PREPAID

Establishing the Water Garden

FERTILIZERS—Most any garden loam will give good results. The best fertilizers are cow manure well rotted if possible and bone meal. Cow manure at the rate of one part to five parts garden loam. Commercial fertilizers, one pound to each cubic foot of soil.

TIME OF PLANTING—Hardy water lilies may be planted as soon as they begin to show growth in the spring, usually about April first and they may be planted up to the last of August with good results.

DURATION OF BLOOM—Hardy water lilies begin blooming early in May in this section of the country and continue until frost. The flowers open every morning and close late in the afternoon. You are assured of several flowers from each root every day throughout the season. Each individual blossom lasts about four days.

COLOR—Hardy water lilies may be obtained in white, several tones of red, yellow and many shades of both light and dark pink, also copper and changeable colors. There are no blue hardy water lilies.

Important

When you receive your shipment of roots unpack at once and place them in water until ready

to plant. Should you need to keep them for some time before planting it is best to submerge fully one-half the root in mud and cover with water.

How to Plant

Two methods are used in planting, in boxes or by spreading the soil over the bottom of the pool to the required depth. Both have their good points. Plants will do much better when they have plenty of root room. If you use boxes make them one foot square and one foot deep. Each lily should have at least one cubic foot of soil.

DISTANCE APART TO PLANT—A pool six by six will accommodate four lilies and the necessary floating and bog plants very nicely. A pool twelve feet in diameter will accommodate up to ten lilies together with the other plants necessary to complete the pool.

CONTAINERS FOR THE PLANTS—We like the large size candy pails for a single lily. If these are not available boxes may be made from any rough boards one inch thick and twelve inches wide. Permanent boxes may be built of brick or concrete but movable boxes are preferred as they may be placed in the basement during the winter.

SAND TO COVER THE BOXES—One inch layer of sand or gravel over the boxes after planting will help to keep the water clear.

How to Order

TERMS AND POLICIES—Order early. This is most important. In May and early June we are always crowded, so to have the plants at the time you wish them it is better to have your order in early.

HOW AND WHEN WE SHIP—Water lilies and aquatic plants may be shipped any time in the year. Water lilies may be planted at any time but we can not ordinarily take them from the pools before the end of March.

Shipping Costs

All hardy Water Lilies, Water Plants, and Iris will be shipped parcel post prepaid, on orders amounting to \$1.00 or more. For orders under \$1.00, add 10c for postage.

All Tropical lilies, goldfish, and all other articles listed in this catalogue, will be shipped express collect.

On all orders for goldfish, add fifty cents for shipping can. All fish are shipped express collect, including those in collections.

REMITTANCES—Make all checks and money orders payable to Smiley's Water Gardens. We do not ship C.O.D.

GUARANTEE—All plants are guaranteed to be true to name and in good condition when shipped. Due to conditions over which we have no control, weather and care, we do not assume any responsibility for results after planting. Complaints, if any, can be considered only when tendered at the time when plants are received.

Culture of Water Lilies

Water lilies are so easily and successfully grown by those that have had no previous experience that by following these simple directions one may be assured of an abundance of beautiful flowers throughout the season. Once planted, the pool needs very little care, no hoeing, nor watering that is so necessary for growing most other varieties of flowers. All that is required to grow lilies is fertile soil, still water and plenty of sunlight. It is unnecessary to drain the pool during the growing season; simply replace the evaporation. Shortly after planting the water may become green from the fertilizer used in the soil. Allow the water to run in and overflow the pool if this condition arises.

INSECT ENEMIES—Plant lice or aphids are the only common pests of water lilies. They are easily controlled by washing off with a strong spray from the hose and the fish eat them. "Black Leaf 40" mixed according to directions rids the plants of this louse.

Mosquitoes and Goldfish

It is recommended that goldfish be kept in all water lily pools. Not only are they interesting but they will eat the mosquito larvae and aid in keeping the water clear. Twelve fish to a four by six pool is the best proportion.

Winter Care of the Pool

Hardy water lilies need no protection other than from direct freezing of the roots. Artificial pools should be emptied to prevent damage to the walls from ice. It is best to empty the pool and fill with straw or any other litter and cover over with boards. The lilies may be removed to the basement and kept moist and protected from mice.

CARE OF GOLDFISH—In climates where the pool freezes over it is recommended that they be removed to the basement in a tank or large tubs. Feed very sparingly.

General List of Hardy Water Lilies

In establishing our water gardens we spared no time, effort, nor money in securing not only the best varieties but those that would be most suitable for water gardens in most sections of the country. In this list you will find varieties that are suitable for every climatic condition, also for the various tastes in color and most any size pocketbook.

SUNSET COLORS

COMANCHE—The best sunset color. Fully described on page 6 and front cover. \$1.50.

PAUL HARIOT—One of the most popular. Description on page 6 and front cover. \$1.25.

AURORA—This little fellow has been known to have more blossoms on that particular plant than any other variety and due to the variations in color each day four different colors of blossoms on a plant may be seen at one time. Semi-dwarf in habit. Blossoms are of smaller size three to four inches across opening, creamy yellow deepening orange red to dark red with age. The flowers increase in size and deepen in color late in the season. I recommend this one for a small pool or tub garden. \$1.00.

SIoux—Rich, chrome yellow flowers tinged with bronze deepening to an orange red. Similar in color to Comanche, somewhat lighter in shade of color. Blossoms not quite so large but very delicate in shade. \$1.25.

INDIANA—A free growing variety bearing beautiful copper-yellow flowers tinged pink, deepening to copper-red on succeeding days. A remarkable plant producing a constant succession of color changes in its flowers. \$1.00.

REDS AND CRIMSONS

GLORIOSA—One of the most popular of reds above the average in size and brilliant red in color which deepens with age. It is semi-double often measuring seven inches across. Does well in a tub garden and produces flowers throughout the season under all conditions. \$1.75.

CONQUEROR—Described on page 6. \$1.75.

JAMES BRYDON—Described on page 6. \$2.00.

ESCARBOUCLE—Described on page 6. \$2.00.

ATTRACTION—Described on page 6. \$2.50.

WM. FALCONER—The deepest red of all lilies. Almost a velvety, black red. Stamens garnet, leaves blotched with green and maroon. Not as free in bloom as other reds but the blossoms are surely worth waiting for. The first blossom will more than repay the price of investment. One of the most interesting and one you are sure to like. \$3.50.

ARETHUSA—Flowers are large with broad petals, deep crimson in color with velvety sheen. Septals are lighter. This variety is usually overlooked by our customers when ordering by mail but once seen in blossom you will surely want to possess it. Somewhat the shape of James Brydon and almost as deep in color as William Falconer. Don't pass this one up. \$2.00.

ROBINSONI—The first Robinsoni I ever saw was sent me by a customer who had purchased it through other sources for a different variety. It took some time for us to classify it and I was enthused with its abundance of flower and its striking colors, so immediately secured a larger stock from other growers. The blossoms float on the water and are of a dark orange red changing and deepening in its color with age. It attracts instant attention and does equally as well in a tub garden as in a large pool. Robinsoni can always be counted on to give you a good show. \$1.75.

PINKS AND ROSE

ROSE AREY—Developed in the W. B. Shaw gardens and awarded the silver medal by the New York Horticultural Society. Undoubtedly one of the best of the Odorata section. A deep cerise pink sometimes reaching eight inches in diameter. Petals are of a starry, pointed form and very fragrant. \$1.25.

PINK OPAL—An attractive deep pink of medium size, gracefully cup-shaped and fragrant. Especially adapted as cut flowers. \$1.00.

SPLENDIDA—Fully described on page 6. \$1.40.

EUGENIE de LAND—A very charming, sweet-scented lily of the Odorata section. The long petals are a deep pink near the base and almost white at the tips. Blooms are of good size and semi-double. One of the most delicate colors in our garden. \$1.00.

MORNING GLORY—Soft, shell pink; very beautiful particularly when opening in the morning. The blossoms

are large and become more abundant as the season progresses. The plant is a good, strong grower. One of the big fellows, the blossoms getting larger as the season advances gives an excellent show after most of the other lilies have stopped blooming. \$1.50.

AMABILIS—A very desirable variety of recent introduction. Flowers are large and starry in form slightly cupped. Deep pink in the center which lightens to a silver pink on the tips. Canary yellow stamens. One of the best of the recent introductions. \$3.00.

SUMPTUOSA—Described on page 6. \$1.50.

MARLIAC PINK—Pale, pink flowers of unusual size and abundantly borne throughout the entire season. One of the most popular pinks. Pictured on page 1. \$1.00.

MARLIAC ROSE—Deep pink. One of the most popular of the earlier introductions. Flowers are large and you can count on an abundance of bloom from this plant. \$1.25.

RENE GERARD—An immense, line red pink variety. One of the largest. Flowers eight to nine inches in diameter. A free grower that produces an abundance of blossom. I am usually short of stock in this variety. Visitors at the gardens were amazed one day last season in seeing ten huge blossoms open at one time from one individual bulb. \$2.50.

WHITES

GONNERE—One of the very few double water lilies. Averaging eighty petals to the blossom, each a full globe. Leaves are small. Does not require much room to grow but gives an abundance of snowy white flowers resembling huge snowballs. Pictured on front cover. \$2.00.

GLADSTONE—Large dazzling white flowers with broad, waxy petals, sulphur yellow heart. Free in blooming. Opens early in the morning. One of the largest whites. \$1.00.

MARLIAC WHITE—Snowy white petals with bright yellow stamens. The fragrant blossoms are five to six inches in diameter. Septals are tinted with pink. It is a continuous bloomer. Pictured on page 1. \$1.00.

ODORATA GIGANTIA—Large pure white flowers and very fragrant. Blossoms reach six to eight inches across. It is highly recommended for large ponds or lakes and will stand deep water. 50c each, \$5.00 per dozen.

PRESIDENT ROOSEVELT—This new variety is outstanding in form, color and fragrance. It is a dazzling white with yellow stamens. Flowers measure from six to eight inches across and are carried several inches above the water. The fragrance is of anise. The leaves are of olive green of peculiar formation; the outer portion has an indentation rarely seen in water lilies. Can spare a limited number at \$1.00.

YELLOWS

SUNRISE—Fully described on page 6. The largest of all hardy lilies a beautiful yellow color. \$2.25.

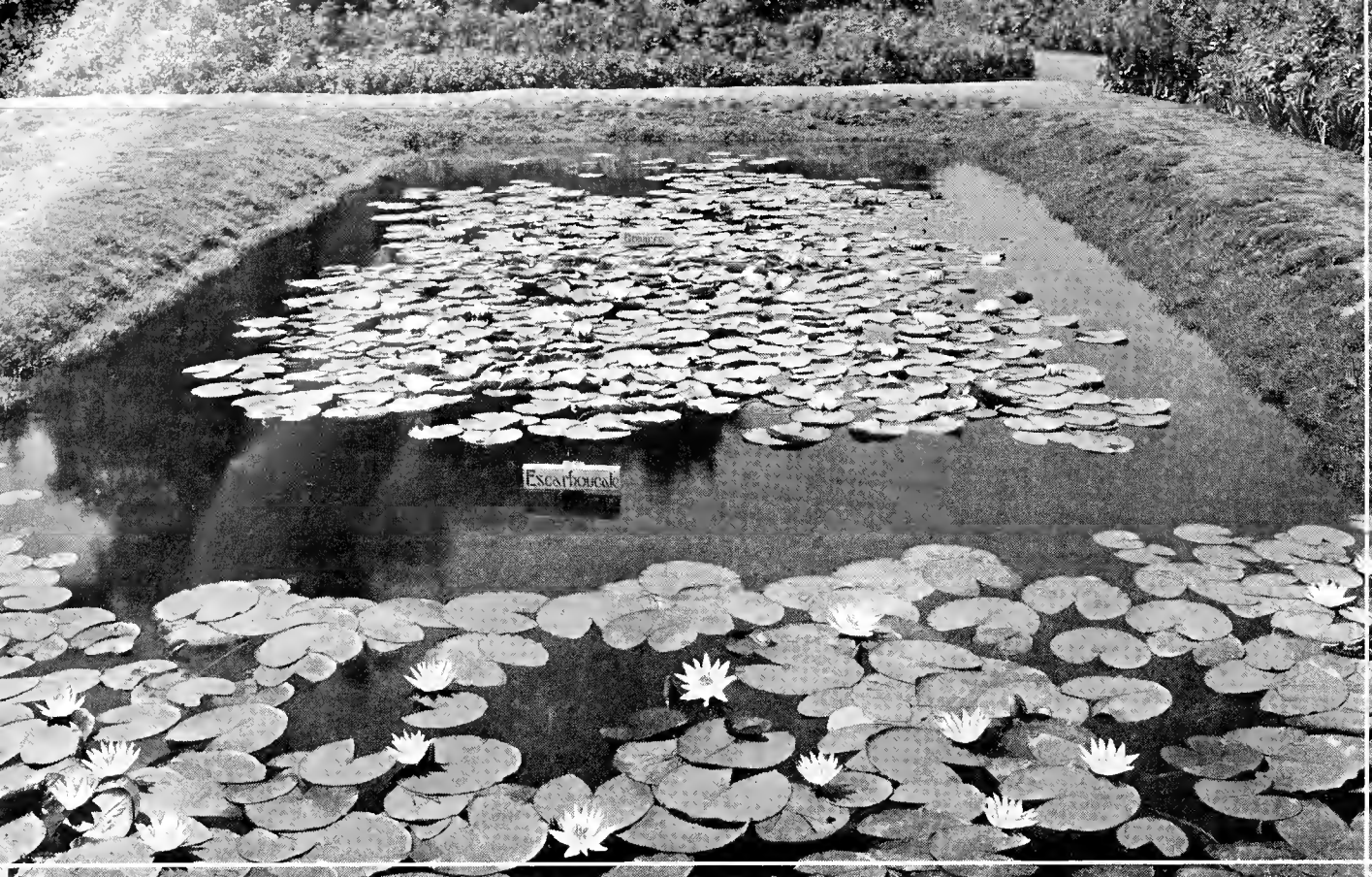
CHROMATELLA (Marliac Yellow)—Perhaps the most popular of all water lilies. Sulphur yellow in color with broad curving petals. It blooms over the entire spring and summer months producing an endless succession of blossoms. The leaves are handsomely spotted with maroon. Thrives under all conditions and is hardy. Pictured on page 1. \$1.00.

SULPHURA GRANDIFLORA—A small Sunrise with fragrant yellow flowers on tall slender stems. \$1.00.

SUNRISE
(Yellow)

ROSE AREY
(Pink)





T E N

of the

BEST

WATER

LILIES

In the many years we have been growing water lilies, we are often asked which are the best varieties and from the standpoint of hardiness, abundance of bloom, color and so forth, we have decided that the following varieties are our choice:

SPECIAL COLLECTION OF THE TEN BEST WATER LILIES

Collection No. 3

1 each of the following postpaid to your address. Regular Catalogue Value. \$18.15 **\$14.50**

ATTRACTION—This beautiful red variety is my choice of all the water lilies. The petals are garnet red tipped with rose, the sepals are almost white, and as the blossom ages it becomes a rich deep red with garnet streaked sepals. The blossom is unusually large reaching eight inches in diameter. It is vigorous, thrifty and a very free bloomer. One of the first to bloom in our gardens in the spring and the last to stop blooming in the fall. \$2.50.

ESCARBOUCLE—Bright, intense red deepening to crimson with garnet stamens. A free blooming, strong, vigorous variety, unquestionably one of the best. Pictured in colors on front cover. My second choice of the reds does not take much room and in mid-season our pond of this variety is almost a mass of fire. \$2.00.

JAMES BRYDON—This variety is very free in bloom and a rapid grower. Flowers measuring from five to six inches across, broad petals, concave and incurving, giving the flower a cup shape. The color is a vivid rosy crimson deepening with age. Has small bronze red leaves. Pictured in colors on front cover. My first James Brydon was found in a large area of the wild Odorata. I grew it several years before I was positive of the variety. It is one of our earliest bloomers and stays on well into the end of the season. Not a heavy leaf maker which makes it ideal for a small garden. \$2.00.

CONQUEROR—Flowers are a cherry red deepening with age. Stamens orange yellow, sepals almost white. Flowers eight inches across borne continually during the entire spring and summer. One of the showiest of reds. \$1.75.

COMANCHE—One of the hardiest of all water lilies and undoubtedly the best of the sunset colors. On opening the first day the flowers are orange pink, stamens yellow, deepening on succeeding days to a glowing amber red with a heart of fire. This variety thrives equally as well under all conditions. Do not fail to include this variety in your water gardens. Illustrated in color on front cover. This was one of our first varieties and we admired it so much that we immediately began to increase our stock. The blossoms make one of the most beautiful bouquets of water lilies and due to the extreme hardiness we still consider it one of the very best. \$1.50.

SUNRISE—Largest of all hardy water lilies. Blossoms often measuring eleven inches across. One of the first lilies to open in the morning. A free bloomer. Color is a clear sulphur yellow. Petals are long and narrow. The flowers are carried several inches above the water. Leaves are almost egg-shaped with crinkled sides, deep green above and red flecked with dark brown below. This variety attracts more attention than any other in our gardens. Our large pool of this variety created no end of comment last season. There was always a crowd around the pool. Imagine if you can a large pool almost completely covered with clear sulphur yellow blossoms, many reaching eleven inches in diameter. \$2.25.

SPLENDIDA—A fine strawberry pink of good size. A free grower of good form. This variety can always be counted on for a blaze of color all summer long. The color intensifies to a rich reddish pink the latter part of the season. One of the new and rare French varieties. Don't overlook this one in making up your collection. One of the first to begin blooming in the spring and the last to stop in the fall. Blossoms came to the surface this fall up to the time ice was frozen. \$1.40.

GONNERE—One of the very few double water lilies. This variety averages eighty petals to the blossom, being almost a full globe. Leaves are small and does not require much room to grow but gives an abundance of snowy white flowers resembling huge snowballs. Pictured in color on front cover. \$2.00.

SUMPTUOSA—Originated in France and considered by many one of the most delicate and beautiful of all pinks. The satiny texture of its petals gives one all the color to be desired in a pink water lily. Rather double, almost perfect in form and above the average in size. Don't fail to include this one in your garden. \$1.50.

PAUL HARIOT—This variety gives more variation of color throughout the season than any other. Flowers opening in the spring a clear yellow suffused with rose changing to a deep peach on the second and third day and to an orange on the fourth day. As the season progresses the flowers are almost a deep red on the fourth day. It is a sturdy, hardy plant, free in bloom and one which you will greatly enjoy. Pictured in colors on front cover. \$1.25.

COMPLETE TUB GARDEN

All plants needed for a tub garden from which you will derive much pleasure.
The plants have been chosen for their beauty and their easy culture.

COLLECTION No. 1 **\$2.95**

- 1 Water Lily (Aurora)
 - 4 Aquatics (including floating and oxygenating plants)
 - 4 Bog and Shallow Water Plants
 - 1 Pr. Snails for scavengers
- Postpaid to your address for \$2.95

COLLECTION No. 2 **\$4.00**

- 1 Water Lily (your choice of Arethusa or James Brydon)
 - 6 Aquatic Plants
 - 5 Bog and Shallow Water Plants
 - 1 Pr. Japanese Trapdoor Snails
 - 1 Pr. Red Ramshorn Snails
- Postpaid to your address for \$4.00

TROPICAL WATER LILIES

DAY FLOWERING

This group of tropical water lilies keep about the same open hours as their hardy sisters and bring to the daylight hours the same elegance that the night-bloomers furnish at evening. They are open from early morning until late afternoon. No pool, however small, is complete without at least one tropical lily, and the large pool which really gives the lilies a chance to develop is delightful with both day and night-blooming tropical lilies.

WHITE LILIES

MRS. GEORGE H. PRING—The best pure white. \$1.25.

GRACILIS—Flowers cream white. \$1.25.

PINK LILIES

MRS. ROBERT SAWYER—Delightful shade of pink. \$2.50.

GENERAL PERSHING—One of the very best. \$3.00.

MRS. C. W. WARD—Deep rose pink. \$2.00.

PURPLE LILIES

ZANZIBARIENSIS—The Native African purple lily. \$1.50.

AUGUST KOCH—Pale wisteria violet. \$2.00.

PANAMA PACIFIC—Wine purple with golden stamens. \$2.00.

BLUE LILIES

MRS. ED WHITAKER—Light lavender blue, extra large. \$2.00.

PENNSYLVANIA—Deep rich blue, stamens golden yellow, blue tip. \$2.00.

BLUE BEAUTY—Large delightful blue flowers. \$1.65.

WM. STONE—Large deep blue flowers on long stems. \$2.00.

COLONEL LINDBERGH—Enormous deep caerulean blue flowers carried high above the water. \$2.50.

RED LILIES

PATRICIA—Medium sized, rich crimson. \$2.00.

GRACILIS RUBRA—Rich red, medium sized. \$2.00.

TROPICAL LILIES — NIGHT FLOWERING

There is something fascinating about the way the dazzling blooms open as the others are closing in sleep, and remain open all night, closing the next morning when the sun again gets bright. On cloudy days they sometimes remain open all day as well. Night-blooming lilies will make your pool a show place during the hours when the grounds are most usually enjoyed by family and guests.

RED LILIES

BISSET—Petals deep rose, stamens burnt orange. \$1.50.

GEO. HUSTER—Brilliant crimson. \$2.00.

FRANK TRELEASE—Dark crimson, stamens deep reddish brown. \$1.50.

STURTEVANT—Enormous flowers, pink deepening to red. \$2.00.

WHITE LILIES

JUNO—Largest flowering night bloomer. Snow white petal, with yellow stamen. \$2.50.

DENTATA—Flowers medium sized, petals pure white, golden stamens. \$1.50.

PINK LILIES

RUBRA ROSEA—One of the best, large flowers, brilliant rose carmen. \$1.50.

OMARA—Large flowers of deep rose, lightened by a white stripe through each petal. Stamens deep orange red. \$1.25.

TROPICAL STAR LILIES

Each year finds the star lily more popular due to the abundant bloom and to the ease in rearing them. They come into bloom as soon as the weather becomes warm enough and will give you

plenty of blossom throughout the entire season. The starry blossoms are brilliant in hue and scented with the fragrance of lily-of-the-valley. Are produced in endless profusion all summer long. The flowers are six to eight inches across and are borne on strong stems a foot or more above the water.

ROSE STAR—These starry brilliant rose pink flowers make this variety one of the most popular. Four or five blossoms will be open at once throughout the entire season. \$2.00.

BLUE STAR—All star lilies are much the same in appearance, differing only in color. Blue and Rose Star planted together gives one of the most beautiful color effects we know. \$2.00.

SACRED LOTUS

Thousands of years ago in the sacred gardens of Egypt were found an abundance of the Egyptian Lotus. This rare and strange plant was understood and appreciated by the Oriental people. The immense pink flowers like gigantic roses with a delightful fragrance set amongst the great shield-like leaves is a never-to-be-forgotten sight. They require the same care as water lilies growing in water from two to twelve inches deep. The plants spread rapidly and should be confined in boxes or tubs.

EGYPTIAN LOTUS—The true flower of the Egyptians. Immense pink flowers with a sweet haunting fragrance and umbrella-like leaves. Tubers \$1.50.

FLAVESCENS—A comparably new one very free in bloom, a very delicate shade of cream colored flowers. Tubers \$1.50.





Marginal Plants Help to Beautify Your Pool

COLLECTION No. 12

GOLDFISH FOR SMALL POOL

PRICE \$5.00

This collection of fish and scavengers will supply the proper balance for a small or medium pool.

- 8 Selected Goldfish
- 2 Japanese Fantails
- 4 Calico Fish
- 2 Black Telescope Moors
- 4 Japanese Snails
- 12 Brown Ramshorn Snails
- 6 Tadpoles

Shipping Can included.

Shipped express collect \$5.00.

COLLECTION No. 4

PRICE \$3.20

- Comanche (most popular orange)
- Chromatella (most popular yellow)
- Morning Glory (delicate pink)

\$4.00 value postpaid for \$3.20

COLLECTION No. 7

The Rainbow Collection

PRICE \$3.80

- Gloriosa (most popular red)
- Comanche (most popular orange)
- Sumptuosa (most popular pink)

\$4.75 value postpaid for \$3.80

COLLECTION No. 8

De Luxe Trio

PRICE \$5.40

Three giant lilies in bright colors—a wonderful collection.

- Sunrise (huge yellow flowers)
- Gonnere (double white)
- Attraction (brilliant red)

Catalogue price \$6.75
Postpaid for \$5.40

COLLECTION No. 5

PRICE \$8.00

- Rose Arey (deep rose pink)
- Chromatella (yellow)
- James Brydon (red)
- Marliae White
- Paul Harriot (sunset)
- Sioux (copper)
- 2 Arrow Heads
- 4 Water Poppies
- 4 Water Hyacinths
- 3 Fish Plants
- 3 Jap Snails

Catalogue value \$10.00
Postpaid for \$8.00

COLLECTION No. 6

The Marliac Trio

See page 4

PRICE \$2.40

This very popular trio of the Marliae lilies is very pleasing in color and thrives very well in the smallest pools.

- Marliae Pink
- Marliac Yellow
- Marliae White

Catalogue value \$3.00
Postpaid for \$2.40

Pictured in color on page 4.

COLLECTION No. 5-A

Front Cover Collection

- Amabilis
- Gonnere
- Paul Harriot
- Comanche
- James Brydon
- Escarboncle

Catalogue value \$11.75
Postpaid to you \$9.40

COLLECTION No. 5-B

See color plate this page

- Chromatella
- Conqueror
- Pink Opal
- Marliae White
- Marliae Rose

Catalogue value \$6.00
Postpaid to you \$4.80

COMPLETE COLLECTION OF ALL HARDY LILIES LISTED

- 1 each of all the whites, value . . . \$5.50
- 1 each of all the changeables . . . 6.00
- 1 each of all the reds . . . 17.25
- 1 each of all the pinks . . . 20.40
- 1 each of all the yellows . . . 4.25

TOTAL VALUE . . . \$53.40

Total of 34 High Class Bulbs
Postpaid for \$40.00



COLLECTION No. 13

GOLDFISH FOR LARGE POOL

PRICE \$10.00

This collection would be correct for a pool eight by ten feet. Scavengers to clear out the decaying leaves and the goldfish to keep water free of insects.

- 12 Selected Goldfish
- 12 Calico Fish
- 2 Japanese Fantails
- 6 Japanese Snails
- 12 Brown Ramshorn Snails
- 4 Red Ramshorn Snails
- 6 Tadpoles

Shipping Can included.

Shipped express collect \$10.00.



An Attractive Corner for Any Garden

COLLECTION No. 9

Sunset Trio

PRICE \$4.20

Extraordinary value in the darker shades.

- Comanche (most popular orange)
- James Brydon (rosy red)
- Conqueror (cherry red)

Catalogue value \$5.25
Postpaid for \$4.20

COLLECTION No. 10

Butterfly Trio

PRICE \$4.20

- James Brydon (rosy red)
- Aurora (orange pink)
- Marliac White

\$4.00 value postpaid for \$3.20

COLLECTION No. 11

Odorata Trio

PRICE \$2.60

- Rose Arey (cerise pink)
- Pink Opal
- President Roosevelt (white)

\$3.25 value postpaid for \$2.60

COLLECTION No. 14

Fancy Goldfish Collection

PRICE \$8.00

This fancy collection includes all the beauties and bright coloring found in goldfish.

- 2 Chinese Moors
- 2 Calico Telescopes
- 2 Calico Fantails
- 2 Comets
- 2 Japanese Fantails
- 2 Shubunkins
- 6 Japanese Snails
- 6 Red Ramshorn Snails

Shipping Can included.
Express collect \$8.00

COLLECTION No. 15

COMPLETE SMALL POOL

PRICE \$8.00

Lilies in Collection No. 2. Value \$4.00
Goldfish in Collection No. 12. Value \$5.00
1 Louisiana Bull Frog Tadpoles, \$1.00
Total \$10.00 sent to you for \$8.00.

COLLECTION No. 16

COMPLETE LARGE POOL

PRICE \$15.60

Lilies and Plants in Collection No. 5.
Value \$8.00

Goldfish, Snails, etc., in Collection No. 13
Value \$10.00

All for \$15.60

COLLECTION No. 17

Scavengers for Small Pools and Aquariums

It is difficult to get too many snails for a pool as they remove the decayed vegetation and green algae. Use two snails, per square foot of floor area.

Half Dozen Each Brown Ramshorns,
Japanese Trapdoors and Red Ramshorns.

Postpaid for \$1.25.



TO MAKE YOUR POOL COMPLETE

Natural pools are surrounded with rushes, reeds, flags and small flowering plants. Your pool to be more natural and effective should have some of these plants.

OXYGENATING PLANTS

ANACHARIS—A rapid grower desirable for pools and aquariums. 15c.

COON-TAIL—Plume-like stems with finely dissected leaves. Fine for the aquarium. 15c.

CURLED LEAF FERN—A fern-like plant growing submerged in the pool makes a beautiful background. 15c.

LUDWIGA—A beautiful green and red tinted plant growing submerged. 25c per bunch.

MYRIOPHYLLUM—Very good for goldfish spawning. The fish will also eat large portions. This evergreen-like plant is available throughout the year and is one of the most interesting of this group. 15c.

MOISTURE LOVING IRIS

DOROTHY K. WILLIAMS—We think this is one of the prettiest of the water plants. Has graceful spikes of glowing royal purple flowers. Plant in shallow water or along the border. 25c.

JAPANESE IRIS—Assorted colors, unusually large flowers of brilliant hues. 25c, \$2.00 doz.

SIBERIAN IRIS (Purple)—Small purple flowers on wiry upright stems. Blossoms in early June. The best iris for a rockery. 25c each, \$2.00 per dozen.

MARGINAL PLANTS

FALSE DRAGON HEAD—Spikes of pink hooded flowers three feet high. 25c each, \$2.00 doz.

VARIEGATED RIBBON GRASS—This attractive grass is splendid for use at the corners of your pool or along the walk way. The leaves are longitudinally striped with white and very ornamental. 25c each.

FLOATING PLANTS

DUCK WEED—Small three petalled floating plant giving the effect of a green carpet on the water. Fish like this one. Does equally as well in sun or shade. 25c per portion.

FLOATING FERN (Azolla)—Tiny, fern-like leaves forming emerald green or brown red clumps. A good plant for the fish. 25c per portion.



Azolla

Duck Weed

Water Poppy



A bouquet of "Comanches"

WATER HYACINTH—The delicate spikes of lavender flowers with the peacock spot on the upper petals are most beautiful and interesting. The plants float on the water but will produce more flowers when not allowed to drift about. A good plant for shady locations and should be crowded to produce lots of bloom. This plant is ideal for fish to deposit their eggs on. 15c each, 4 for 50c.

SHALLOW WATER PLANTS

Many interesting plants are found in this group which are used both as marginal and as a pool decoration. They thrive in two to twelve inches of water and grow naturally about the margins of lakes and streams.

ARROW HEADS—Arrow shaped leaves with small white flowers. An excellent bog or shallow water plant that adds greatly to the appearance of your pool. 25c each.

BULLRUSH—A native swamp plant similar to the cattail. 25c each, 3 for 50c.

CATTAILS—A favorite swamp plant easy to grow and ornamental. 25c each, 3 for 50c.

CREeping PRIMROSE—A rapid growing, partially submerged vine with willow shaped leaves and produces an abundance of bright yellow flowers. Will grow in any moist place along the pool or may be submerged. 25c each, 3 for 50c.

FLOATING HEART—Bright yellow, fringed five petalled flowers, size of a half dollar. The leaves are green blotched with maroon. Should be planted in soil in two to eighteen inches of water. 25c each, 3 for 50c.

PARROT FEATHER—Feathery, green shoots trailing over the water forms soft airy masses about the base of taller plants. One of the best for planting in fountain basins. 15c each, 4 for 50c.

WATER POPPY—The blossoms resemble the California Poppy. Each plant throws out many floating runners bearing large blossoms all summer long. Plant as you would a water lily. 15c each, 4 for 50c.

YELLOW FLAG or WATER IRIS—One of the most graceful and necessary plants for the pool. Begins to bloom earlier than most any other iris. Blooms the entire season. Thrives in water up to twelve inches and also in a moist border. Blossoms resemble the Siberian Iris in type and produces an abundance of yellow blossoms. 25c each, \$2.00 doz.

IRIS VERSICOLOR or BLUE WATER IRIS—25c each, \$2.00 doz.

VARIEGATED SWEET FLAG—A fine hardy plant with saber like leaves, broadly striped green and ivory. Grows about 2 feet high. \$1.00 for 3.

PICKREL RUSH—The blue flowers of this plant are borne freely throughout the entire season. 25c each.

CREeping BENT GRASS—Ideal for lawns. Makes a thick, rich, carpet-like growth within two months of planting time. No chance for weeds to grow in a lawn sown with Smiley's Creeping Bent Grass. Stolons. (Not Seed.) Enough to plant 100 square feet for \$2.00, f.o.b. Beaver Crossing, Nebr.

GOLDFISH for POOLS and AQUARIUMS

To make your pool one of the most alluring spots in the garden you should add gay colored fish. We have many varieties and types to pick from and while some prefer the common and giant goldfish for their pools the fancy types are equally desirable specially for the small pool. We exercise our best judgment in selecting pairs but as it is sometimes quite difficult to determine the sex we cannot guarantee this factor. A charge of 50c for shipping can will be made on small orders. In orders for 50 fish or more our large cans are used and they may be returned express prepaid, a cost of 20c.



Calico Fantail

GIANT GOLDFISH

Selected breeders ten to twelve inches long. These are tried Breeders and if you wish to raise a lot of young goldfish these are the best investment. \$4.00 per pair, \$18.00 per dozen.

YOUNG GIANT GOLDFISH—Not as fully developed as the older type; distinctive in colors for the pools and excellent for spawning. \$2.00 per pair.

GIANT PEARL—Pure white scales which occasionally have spot of deep red. Eight to ten inches. \$4.00 per pair.

YOUNG COMMON GOLDFISH—According to size, 10c, 25c and 50c each.

IMPORTED JAPANESE FANTAILS—Beautiful fish with broad double tails and bright coloring. Year old per pair \$1.00, two years old per pair \$2.00. Breeders \$3.00, \$5.00 and \$7.50 each.

SHUBUNKIN or CALICO FISH—Beautifully mottled fish with a pattern of blue, gold and black. Year old, per pair 50c, two years old per pair \$1.00. Breeders \$2.00, \$3.00 and \$5.00 each.

COMETS—Graceful bodies with long flowing tails. Year old per pair \$1.00, two years old per pair \$2.00. Breeders \$2.00, \$3.00 and \$5.00 each.

CHINESE MOORS—Jet black fish with telescope eyes. Year old per pair \$1.00, two years old per pair \$2.00. Breeders \$2.00, \$3.00, \$5.00 and \$7.50 each.

CALICO FANTAILS—Highly colored fish, calico colors with double fan tails. Year old per pair \$1.00, two years old per pair \$2.00. Breeders \$2.00, \$3.00, \$5.00 and \$7.50 each.

CALICO TELESCOPES—Handsome vari-colored fish with double fan tails and telescope eyes. Year old per pair \$1.00, two years old per pair \$2.00. Breeders \$2.00, \$3.00, \$5.00 and \$7.50 each.

FISH FOOD

Goldfish should be fed twice a week. Too often and too much food are the causes for most fish troubles.

NATURAL FISH FOOD—This is a properly balanced fish food for both the pool and the aquarium and inexpensive. Pint box 50c, quart box \$1.00.

Scavengers for the Pool and Aquarium

All aquariums and pools need scavengers, fish to feed upon the insects, snails to devour algae and green scum and tadpoles to eat decayed matter. In all well balanced pools scavengers should be kept.

JAPANESE SNAILS—These large hardy snails frequently become as large as an English Walnut. They devour algae and green scum and help to keep the water clear. These snails do not lay eggs as do other varieties but are live bearers, bringing forth the young fully developed. 2 for 25c, \$1.25 per dozen.

BROWN RAMSHORN SNAILS—Medium size snails with shell characteristics of that name. Very prolific egg layers and are very active scavengers. 15c per pair, 60c per doz.

RED RAMSHORN SNAILS—Somewhat larger than the Brown Ramshorn, sometimes known as the Coral Snail. Excellent scavengers. Lend much color to the aquarium and pool. 2 for 25c, \$1.25 per dozen.

COMMON TIGER FROG (Tadpole)—Younger generation of the frog family. Grows legs the first year. Fine as scavengers, harmless to fish and plants. 5c each, \$2.00 per 100.

LOUISIANA BULL FROG (Tadpole)—Grow the legs the second season. These tadpoles are unusually large, three to four inches long. 10c each, \$5.00 per 100.

BEAUTIFY YOUR POOL BY USING DENSO SUB-AQUA

By using this water proof concrete enamel you can get a beautiful sky blue or white background for your plants. It is a non-poisonous coating for a concrete surface that is continually under water. It is not injurious to fish or plants and adds life and beauty to your pool. Prices F.O.B. factory Independence, Ohio. 1 qt. \$1.25, 1/2 gal. \$2.35, 1 gal. \$4.50.

HAVE A LILY POOL FOR BEAUTY AND PLEASURE

MEND YOUR CRACKED POOLS

This new and reliable product will mend your pool with very little time and expense. It forms a chemical union with the surface to which it is applied and turns to solid rock, thus completely sealing and permanently preserving the surface. It can not be removed without part of the surface itself.

It is to be applied on a surface where seepage or other agencies have caused cracking. It completely seals and fills the crack with a material stronger than the original structure.

It comes packed in standard containers, with plain directions printed on each container, also included in the container.

State your preference in color, either white or green.

The package shipping weight is 10 pounds, \$2.40, express collect.

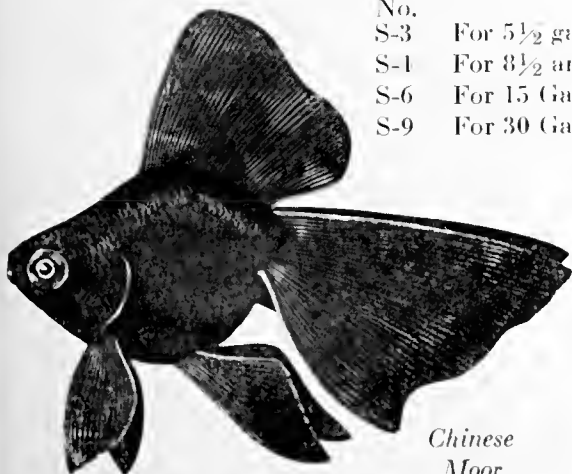
RAINBOW AQUARIUMS

No.					No.				
L-00	1	Gallon	10 x 6½ x 5½	\$.90	L-5	10	Gallons	20 x 12 x 10	\$1.35
L-SP	2	"	14½ x 6 x 6	1.45	L-6	15	"	26 x 13 x 12	6.90
L-1	3	"	12 x 8 x 8	1.70	Heavy 1" x 1" x ½" angle Plate Glass				
L-2	1	"	12 x 10 x 8	1.95	L-7	28 x 14 x 12	20	Gallon	\$11.00
L-3	5½	"	16 x 10 x 8	2.50	L-8	36 x 14 x 12	25	"	16.00
L-3½	6¾	"	18 x 10 x 9	3.25	L-9	42 x 14 x 12	30	"	18.00
L-4	8½	"	20 x 10 x 10	4.25					

No.			
S-3	For 5 1/2 gal.		\$1.00
S-4	For 8 1/2 and 10 gal.		1.50
S-6	For 15 Gal. with glass shelf.		5.00
S-9	For 30 Gal. with glass shelf.		6.50

Rainbow Elastic Cement

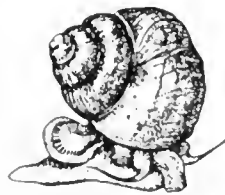
1 lb. Cans \$.35



Chinese Moor



Red Ramshorn Snail



Japanese Snail



The World's Finest Iris

The Sass Brothers are the leading breeders of intermediate irises in the world and have developed this early blooming class into a range of color, size and quality of bloom that rivals the tall bearded class and gives a complete garden of irises two weeks before the tall bearded class. They have also worked extensively and have developed quantities of dwarf irises of the highest quality and have now in process of development a series of fall blooming irises.

TIME OF SHIPMENT

We begin shipping bearded Iris right after the blooming season, which is usually about June 15 and ship until Oct. 1st. Siberians and Japanese may be shipped either late in the fall or early in the spring.

All orders over \$1.00 are postpaid. On orders less than one dollar, add 10c for postage.

NEW SASS IRISES

Out of thousands of seedlings which bloom each year and which would be the joy and pride of any garden, the Sass Brothers seldom introduce more than a half dozen between them.

AK-SAR-BEN (Jacob Sass, 1923)—One of the earliest and still one of the best plicata blends. S and F fawn and velvety brown on cream ground, yellow beard. 27 inches. 25c.

ALICE HORSEFALL (H. P. Sass)—A big dark velvety red purple intermediate and one of the finest of this class. An orange beard gives a fine contrast. 30 inches. Blooms well into tall-bearded season. 50c.

AL-LU-WEE (H. P. Sass, 1932)—One of the new type of tall, large flowered variegatas. Of Nebraska x Rameses parentage with fine yellow standards and red falls on 40 inch branched stems. \$2.00.

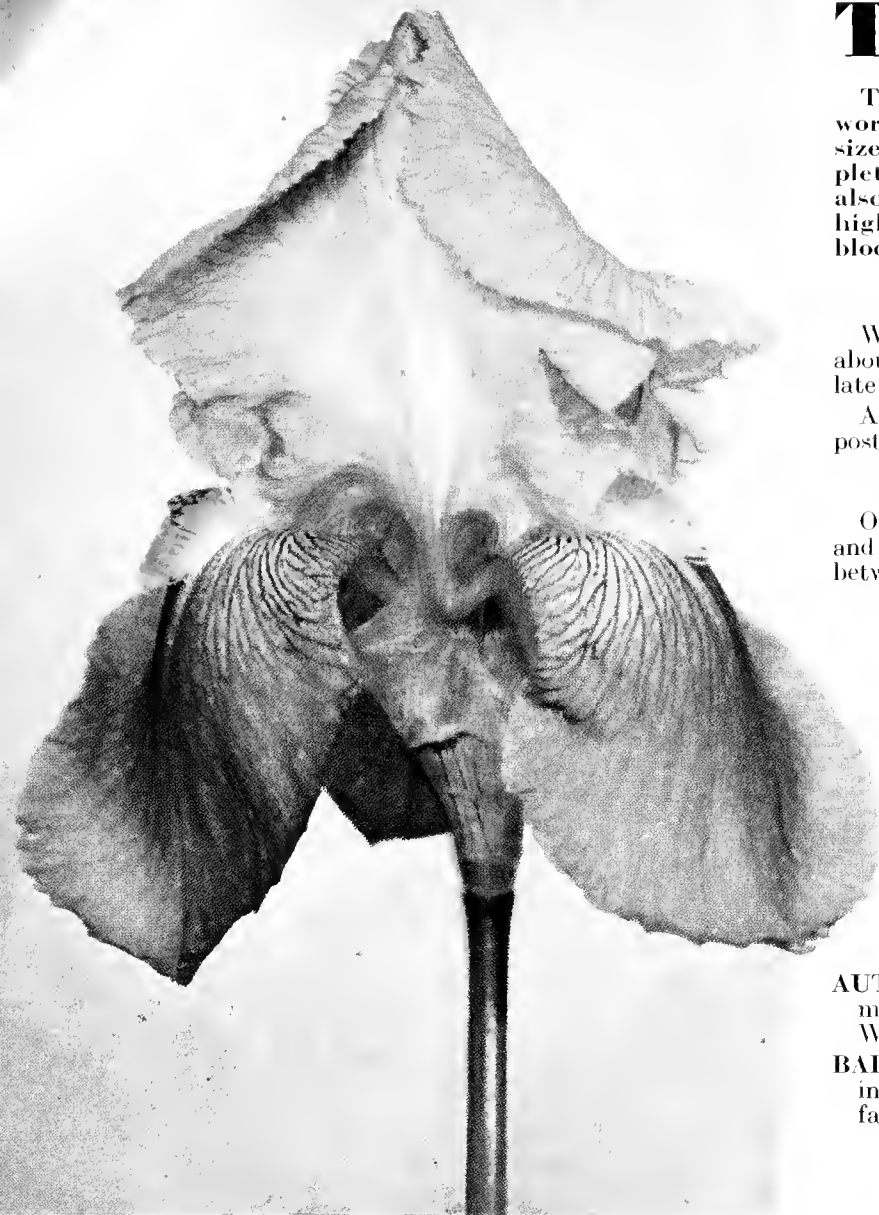
AMBERA (H. P. Sass, 1931)—A topnotcher light yellow intermediate of great size, vigorous and free blooming. Amber yellow self, 30 inches. Universally admired. 50c.

AUTUMN KING (H. P. Sass, 1924)—First of a series of autumn bloomers. A beautiful blue purple bicolor of fine size, form and substance. 25c.

AUTUMN QUEEN (H. P. Sass, 1926)—An everblooming white iris of the intermediate type which has a record of blooming every month from June to November. White pumila x Autumn King. Flower of good size and quality but short stems. 25c.

BALDWIN (H. P. Sass, 1926)—One of the best of the dark blue purples that belongs in every good collection. A huge manganese violet self with an electric sheen in the falls on 40 inch well branched stems. 50c.

Ambassadeur



Souv. de Loetitia Michaud

BALROUDOUR (OP No. 32-1) (Jacob Sass, 1933)—S pallid soft bluish violet.

F and stigmas deep olive buff darkening to dark olive buff towards center with an olive yellow blotch on haft and reddish brown stripes in throat, light blue beard, tipped brownish yellow. An exquisite color combination, reversing the usual combination of bronzy standards and blue toned falls. It has two flowered stems 12 to 15 inches tall. Exceptionally vigorous grower. 50c.

BEAU IDEAL (Jacob Sass, 1931)—One of the distinctive Sass plicatas, notable for the wide solid border of Chinese violet on white ground. A large flower of fine substance. 25c.

BLACK DOUGLAS (Jacob Sass, 1934)—Tall bearded. Blackish purple self. Thirty-six inch branching stem. \$15.00.

BLACKAMOR (Jacob Sass, 1932)—One of the finest dark blue purples yet introduced, the deep blue effect intensified by a blue beard after manner of Harmony. Almost black when newly opened, lightening to blackish violet of uniform coloring. A free bloomer of great size. \$2.50.

BLUE HILL (H. P. Sass, 1931)—The bluest of the clear blue toned irises of a slightly deeper tone than Sensation and larger with perfect branching stems. A great addition to the blue-toned irises. 75c.

BLUE MONARCH (31-83) (Jacob Sass, 1933)—Deep bluish violet self. Large flower on 40 to 45 inch stems, low branching, 8 to 15 buds to a stem. This is the clearest light blue tone we have yet seen in an iris, a superfine iris. \$7.50.

BLUE TOPAZ (OP No. 2) (Jacob Sass, 1933)—A striking combination of blue, brown, and green of delicate blending. S and stigmas pale violet blue with darker sheen. Style branches the same color tinted green. F pale violet blue with a blotch at haft overlaid with warm blackish brown. Stripes of same coloring on haft. Brown beard tipped darker brown. Two medium sized blooms on 12 to 15 inch stems. 50c.

BUTO (H. P. Sass, 1926)—Intensity of color makes this iris stand out and catch the eye in any planting. A rich dark blue purple bicolor with velvety nearly black falls of great size and a great bloomer. Makes a fine mass. Thirty inches. 25c.

CAROLINE E. STRINGER (Jacob Sass, 1930)—In effect a beautiful delicate pink tinted iris, large beautifully ruffled with yellow at the haft and a yellow beard. 33 inches. Trostringer is identical in color but taller. 25c.

CHALLENGER (Jacob Sass, 1930)—A huge, very dark intermediate of Dominion race quality. S dull dark purple. Falls dark blackish violet, velvety, with a contrasting white beard tipped orange. Falls flaring. The largest flowered intermediate and a favorite wherever seen. 25c.

CHESTNUT (Jacob Sass, 1930)—A new type added to our various plicatas, the brownest of all them. S ruffled cinnamon drab. F cream dotted petunia violet with brown stripes on the yellow haft. Handsome and unique. 25c.



CHIEF (Jacob Sass, 1926)—A fine big blue purple intermediate, very dark and a fine companion for the redder toned Challenger. 22 inches. 25c.

CHURCHMOUSE (H. P. Sass, 1929) A new color break greatly admired—a brown iris, self Hays' Brown of Ridgway. Medium sized flowers on 36 inch stems. No other like it. 25c.

CLARA NOYES (H. P. Sass, 1931) A gorgeous blend of orange, yellow, and red of Talisman rose coloring. \$3.00.

COLOSSUS (H. P. Sass, 1931) The biggest American iris and probably the largest in the world, exceeding Nene. A dark purple of fine quality. Has produced blooms almost ten inches tall. \$5.00.

CYRUS (H. P. Sass, 1931)—A gem among yellow irises and an intermediate that blooms well into the tall bearded season. Medium sized flowers of fine form and substance on graceful 34 inch stems, empire yellow with a much deeper splash at the end of the beard giving a glowing effect. The tallest intermediate. 50c.

DOUGLAS (Jacob Sass, 1932)—A blue violet blended bicolor of imposing size and height. S light lavender violet. F litho purple shading to light lavender-violet at the edge with brown shaded hafts. Flaring falls, pale yellow beard. The big blooms are held on 40 to 44 inch branching stems. \$4.00.

DOXA (H. P. Sass, 1928)—A most popular and well rated intermediate of great size and novel coloring. Originally named Olive Giant. S light chalcedony yellow. F olive buff blue tint at center. Heavy substance. Twenty inches. 50c.

EVENTIDE (H. P. Sass, 1926)—A hazy blue toned self. Has lilac on the color chart. Much liked for its soft coloring. 25c.

EUPHONY (H. P. Sass, 1929)—An iris of Ophelia type but of distinctive form and taller than the well-known French blend and of more intense coloring. S conical, ruffled, mustard yellow tipped with chamois. F the same overlaid vinaceous. Medium to large flowers on 36 inch stems, the distant effect being a rich, deep yellow. Exceptionally vigorous. 25c.

GOLDEN HELMET (31-53) (Jacob Sass, 1933)—S ochraceous tawny at the edge, yellow ochre at the midrib and backthorn brown at the claw. F Morocco red overlaid oxblood red, bronze haft striped Morocco red, prominent orange beard. Height 35 inches, stem low branched carrying 8 to 12 buds. A brilliant variegata that shines in any planting. \$15.00.

GOLDEN LIGHT (H. P. Sass, 1933)—A seedling of Euphony with the distinctive form and size of Euphony, 40 inches tall with low branched stems. It is a cinnamon colored blend, one of the new tones of novel hue and particularly valuable in garden arrangements. In the color class with Jean Cayeux, Vishnu, and other brown toned blends, but brighter and of better carrying quality. \$10.00.

GOLDEN WEST (Jacob Sass, 1931)—S Empire yellow, F Wax yellow, Orange beard, intermediate. \$2.50.

GOLDEN HARVEST (Jacob Sass, 1930)—The only yellow fall blooming intermediate which suggested the name. S olive yellow, bluish at the haft. F yellow citron, haft sulphur yellow, striped white with a brown and bluish sheen. Distinct orange beard. Surprising and cheerful in late fall. \$1.00.

GRAY CLOUD (PO No. 32-2) (Jacob Sass, 1933)—This is a subtle blend of blue, gray, red, green, and brown. S pale campanula blue with brownish red stripes at the base and a brown purple sheen through the center of the flower. F and stigmas down gray with brown purple stripes on the haft merging into a brown purple blotch at the end of the beard. Green stripes extend from the blotch to the edge of the falls. Beard white tipped with brown and yellow. Two medium sized blooms on foot high stems. \$2.50.

IMPERIAL BLUSH (H. P. Sass, 1933)—A beautiful large bluish pink with 40 inch branching stems. The finest light pink to date. \$5.00.

IRMA POLLOCK (H. P. Sass, 1931)—In effect a much lighter toned Waconda and of equally fine quality. S magenta, F velvety carmine, with lighter margin. A flower of medium size and telling garden effect. 36 inches. 75c.

JOYCETTE (Jacob Sass, 1932)—A sensational red iris last year and declared by many critics to be the finest yet introduced. It is redder than Red Wing with remarkable carrying quality, the one iris that catches the eye in any planting. S raisin purple; F blackish purple. Very large flower measuring 6 to 6½ inches. 12 inch low branched stems. A superlative iris. The effect with the sun shining through it is a rich, blazing red. Form excellent and substance heavy with usually three or four blooms open at once. Long blooming period. \$10.00.

JUBILEE (Jacob Sass, 1923)—This and King Karl are our best known and most popular plicata blends. Jubilee is in effect a lighter King Karl.



Japanese Iris

A large flower of extra heavy substance with the characteristic ruffling that is shown in our plicata series. S Naples yellow dotted purple. F white striped brown at the haft with purple dots along the distinct yellow beard. Flaring falls. 25c.

JUMBO (Jacob Sass, 1927)—An enormous dark velvety bicolor with blue violet standards and dark red violet falls that deserves better acquaintance. Makes a grand group. S Vanderpoel's violet. F mulberry purple. Vivid yellow beard. Height, 36 inches. 25c.

KING JUBA (H. P. Sass, 1931)—The cleanest, clearest colored of the new large flowered tall variegatas, the brilliant contrast between the yellow standards and wide solid deep velvety red falls making this a striking and much admired iris. Very large flowers on 36 to 40 inch stems. \$1.00.

KING KARL (Jacob Sass, 1925)—The best known and best liked plicata blend. Beautifully ruffled light pinkish cinnamon standards. F cream sanded in an all over pattern of liseran purple with a yellow beard. The bloom takes on beautiful rosy tones as it ages. 27 inches. 25c.

KING TUT (H. P. Sass, 1925)—Notable for its beautiful brilliant brown and red tones that fairly blaze in bright sun. Parent of some of our finest reds and blends. F Hessian brown. S and stigmas cacao brown. Haft and beard golden yellow, the general effect in the garden of brilliant red. 50c.

LADDIE BOY (H. P. Sass, 1931) A three flowered dwarf bearded hybrid of rich deep blue purple bicoloring. 25c.

LONA (Jacob Sass, 1923)—Another fine plicata type of unique coloring and pattern. S pale purplish vinaceous, white at center, ruffled; F cream dotted and striped eupatorium purple with a yellow glow at the haft and center. Twenty-seven inches. 25c.

MATILDA (Jacob Sass, 1929)—The bluest of all the plicatas and a flower of beautiful pattern and coloring. White ground with a stippling of soft bluish violet. Medium large flower. Thirty inches. 25c.

MIDGARD (H. P. Sass, 1926)—The best known and most popular pink and yellow blend, always in demand. An iris of exquisite coloring which does not fade and has firm, heavy substance. Both standards and falls yellow with a flush of clear pink. A strong grower and free bloomer. Thirty inches. Every collection should have this iris. 25c.

MIDWEST (H. P. Sass, 1923)—Another plicata type and like all these plicatas of distinct character. Heavily ruffled large flowers with a dotting of rose on a white ground. 25c.



MIDWEST PRIDE (H. P. Sass, 1931)—The finest iris of Archeveque coloring. Three foot branching stems with large flowers, an improved R. W. Wallace, usually regarded as an improved Archeveque. S Hortense violet; F hyacinth violet, deepening at the center of the fall. A very fine dark iris of heavy and lasting substance. \$1.00.

MRS. ALBERT SHERMAN HOYT (Jacob Sass, 1927)—A heavily ruffled low growing pink patterned plicata, characterized by the heart shaped white center of the falls. Twenty-seven inches. A dainty flower. 25c.

NEBRASKA (H. P. Sass, 1929)—The latest yellow iris to bloom and one of the richest yellows in the entire yellow scale. S ruffled apricot yellow. F same color with brown veinings. Dark yellow beard. A large flower. Requires good drainage. 50c.

NEHAWKA (Jacob Sass, 1929)—The darkest plicata and most heavily patterned suggestive in general effect of William Mohr. It is so heavily stippled with purple as to look like a self at a distance. Gracefully ruffled large flower on 28 inch stems. A distinctive iris. 25c.

NEOLA (Jacob Sass, 1932)—A new departure in color in the dwarf bearded irises, a beautiful brown toned blend, unlike any other dwarf. S livid violet. F deep livid brown shaded sorghum brown. Pale yellow beard. Medium to large flowers on 10 inch stems. 25c.

NO-WE-TA (H. P. Sass, 1932)—A pinker Midgard type of entirely different form and an iris of exquisite coloring. S conic arched and frilled. It is a beautiful true pink self in effect with yellow flushes at the center and edges of falls and standards. Thirty-two inches. \$2.50.

NYMPH (H. P. Sass, 1926)—An intermediate of empire yellow coloring that is an amazingly free bloomer, a clump covering itself with flowers so that the foliage is hardly visible. One of the finest of the early yellows and one of the most satisfactory of all irises. 25c.

NYX (H. P. Sass)—Dark blue purple self. 50c.

OKOBOJI (Jacob Sass, 1932)—A rich, very dark velvety red purple of great size and strikingly rich appearance. S deep livid purple; F velvety dark maroon purple. Thirty inches. 25c.

OLD GOLD (H. P. Sass, 1929)—The first real deep yellow plicata type although the plicata pattern is light. S primuline yellow. F old gold with a buff overlay; beard, vivid yellow tipped brown. Medium sized flowers of an unusual tone of yellow much admired. 28 inches. 25c.

OMAHA (H. P. Sass, 1929)—Approaches a clear red in tone of beautiful clarity. S dark vinaceous; F vinaceous purple. Blooms large. Height 30 inches. Makes a fine red mass in the garden as it is a very vigorous grower and free bloomer. 35c.

ORIANA (H. P. Sass, 1933)—There has been need for some time for a better quality white of medium height. We have it in Oriana, a pure white of fine form and substance, of good size with a finely balanced stem 32 inches tall. It is a seedling of a white intermediate, notable for its crystal whiteness, crossed with a Lady Foster seedling, inheriting the fine white qualities of the former. This is much superior to the older whites. \$3.00.

PIXY (H. P. Sass, 1929)—An unusual departure, a dwarf plicata blend of Jubilee coloring flowering with the tall bearded irises. Branching stems 8 to 10 inches high. This little beauty has excited much admiration and we now have a good stock of it. 50c.

PRAIRIE GOLD (H. P. Sass, 1926)—Despite many new yellow introductions this remains the deepest richest clear yellow of them all. A clear, rich deep yellow self of medium size, well branched, 34 inches, very free blooming and soon makes a fine clump. 25c.

PURPLE HAZE (H. P. Sass)—A large French gray self of medium height of an unusual tone suggesting the name. A fine companion for Eventide in unusual tones. 25c.

QUIVERA (Jacob Sass, 1932)—One of our most admired blends. A mingling of buff, pink, yellow, orange and brown difficult to describe but of unique beauty. S buff pink; F orange vinaceous striped pink vinaceous, yellow glow at the center with brown striped hafts and bright yellow beard. Blooms of medium size. 30 inches. 50c.

RAGUSA (H. P. Sass, 1929)—The finest rich dark red purple blend among the Intermediates rivalling the red purple Dominion seedlings in richness and texture. S pansy purple; F blackish red purple. Five to seven flowers. Twenty-six inches. 25c.

RAMESES (H. P. Sass, 1929)—The 1932 American Dykes medal winner and finest of the new blends. A vigorous, healthy grower in all parts of the country and a fast increaser and free bloomer. In color, pink and rose toned blend. S light russet vinaceous with yellow glow at the center. F flaring to drooping, tourmaline pink. Heavy apricot beard with a 36 inch well branched graceful stem. \$1.25.

RED WING (H. P. Sass)—One of the reddest irises in garden effect and makes a brilliant group of striking beauty. S light brownish vinaceous; F dahlia carmine. Large blooms. Thirty-six inches. 75c.

RED ORCHID (Jacob Sass, 1934)—Intermediate. S violet carmine, F velvety violet carmen. \$2.50.

ROSE OF CUBA (Jacob Sass, 1932)—A fine rose toned iris of medium height and fine sized blooms. S amparo purple; F petunia violet with brown haft. Yellow beard, 32 inch branching stem. 75c.

STORMY DAWN (PO No. 31-1) (Jacob Sass, 1933)—Violet, blue, red brown, green and yellow mingle in the coloring of a storm cloud with the sun breaking through it at dawn which suggested the name. S pallid soft blue violet darker at base with a reddish brown sheen. F and stigmata pale ceropalin blue with brown stripes on the haft forming a blotch one-half by three-quarters of an inch at the end of the beard, the falls having an overlay of yellowish green with green stripes from the blotch to the edge of the falls which flare. Gray beard tipped brown and yellow. Medium to large flowers on 6 to 10 inch stems. \$4.00.

SPOKAN (30-32 or 30-91) (Jacob Sass, 1933)—S sayal brown overlaid reddish brown. F ox-blood red, overlaid blackish brown. Haft yellow with brown stripes. Prominent orange beard. The most brilliant of the red brown blends which attracted the admiration and attention of all visitors last year. Blooms on 36 inch well branched stems. \$15.00.

SUNGOD (H. P. Sass)—A valuable garden yellow on tall, gracefully branched stems. Light yellow lightly penciled brown. 25c.

THURATUS (H. P. Sass)—One of the darkest of all irises and makes a striking garden group. A rather long flower with drooping falls, a blackish purple self, showing rich crimson tones when the sun shines through it. Thirty-eight to forty inches. A real beauty. 75c.

TROSTRINGER (H. P. Sass)—A taller, better branched edition of Caroline E. Stringer; almost identical in color. 25c.

VELVO (OP No. 1) (Jacob Sass, 1933)—The darkest and richest of this class. S pleroma violet darkening to haematoxilin violet at midrib. Stigmata pleroma violet veined haematoxilin violet. F velvety dark madder violet overlaid red, margin of falls, pleroma violet. Small black blotch at the end of the bronzy brown beard. One to two flowers on 6 to 8 inch stems. Stock very limited. \$7.50.

WACONDA (H. P. Sass, 1931)—A much admired, big red purple self of deep tone with exceptional carrying quality for so dark an iris. It makes a most effective garden group of deep red effect. A sister seedling of Rameses. 75c.

WAMBLISKA (Jacob Sass, 1931)—The largest, tallest, and finest of the really hardy blue white irises. Snowy, glittering white standards with a blue tint at the heart of the flower. Clear snow white falls with pale yellow beard and a few yellow veins at the haft. 38 to 45 inches. \$1.25.

WAR EAGLE (30-53) (Jacob Sass, 1933)—S Vinaceous purple, 3 inches wide by 4 inches long. F blackish red purple, fading to pansy purple. Haft and claw cream with brown stripes on the haft. Falls $2\frac{3}{4}$ by 5 inches, the whole bloom measuring 7 inches in height. Stems 36 to 40 inches tall, well branched. In effect a rich, glowing deep red toned iris of great size that is, in our opinion, one of the finest red toned irises yet introduced but of distinct effect from other reds. \$15.00.

In addition to the wonderful collection of Sass Iris, we have a large collection of many other varieties that are considered as the very best. They have to be good or we just don't grow them.

ALBERT VICTOR—Light blue lavender. 25c.

AFTERGLOW—Yellow blend. 25c.

ANDREW JACKSON—General effect is rich red violet. S Saccardo's violet. Early, 40 inches. 75c.

ANDANTE—36 inches, a gorgeous new deep rich red purple self. \$1.00.

ALLURE—40 inches, winner of English Silver Medal. Exquisite soft yellow flesh pink. \$1.00.

ASIA—54 inches, fine soft blend, hazel haft in a clear blue field, with cinnamon fragrance. 25c.

ARCHTHURUS—Yellow stands, red brown falls. 25c.

ASA—Pastel type variegata. 25c.

APHRODITE—44 inches, a handsome pink tone variety. 25c.

ANN PAGE—An old favorite. Lavender with a hazel haft. 25c.

ARGYNNIS—Bright yellow stands, solid brown falls, marginal rim, soft yellow. 25c.

AMBASSADEUR—12 inches. Bronzed brown red purple. Pictured in color on page 12. 25c each, \$2.00 per dozen.

BALLERINE—Gigantic blue-toned flowers on four foot stems. 25c.

BRUNO—S bronze heliotrope, F rich violet purple. Pictured on back cover. 75c.

BLUE BONNET—Light blue lavender. 50c.

BLUE VELVET—16 inches. A clear rich heavy textured dark blue self. \$2.00.

B. Y. MORRISSON—Stands, lavender flesh, deep rich falls edged with the same light tint as the stands. 25c.

BALDOR—Yellow bi-color. 25c.

CAPTAIN COURAGEOUS—Soft blend of heliotrope, gold beard. 50c.

CITRONELLA—Magnificent yellow, veined and mottled Van Dyke red. 25c.

CANTIBLE—White bi-color, stands pure shining white, F amethyst violet, shading out to a broad white margin. 25c.

CANTILENE—An unusual red-purple bi-colored blend. \$1.00.

DAUNTLESS—One of the reddest of iris. A velvety rosy red. \$1.50.

DEPUTE NOM BLOT—Light glowing rosy purple overlaid a bronzy gold. Deep orange beard. Entire flower seems lightly dusted with gold. \$2.00.

DON JUAN—Gigantic garnet red blend. \$1.00.

DECENNIAL—S a light bright picric yellow. F ground color dahlia carmen with a narrow yellow margin. \$1.50.

DR. C. H. MAYO—Magnificent pink-toned variety. 25c.

DREAM—An inexpensive soft pink toned variety. 25c.

DOROTHY K. WILLIAMSON—Deep velvety blue purple. Artistic as cut flower. Grows well in moist places. 25c each, \$2.00 per dozen.

ELIZABETH EGELBERG—Brilliant Chinese violet. Gigantic flower. 35c.

ENDYMION—Charming light buff blend. 25c.

EGLAMOUR—Medium blue. 25c.

E. C. SHAW—Deep toned bronzed red purple. 25c.

EDOUD MICHEL—Brilliant red violet. 25c.

FRAGONARD—One of the most delightful pink toned iris. 50c.

FRA ANGELICA—Blue and gold blend. 25c.

FIRMAMENT—A clear cut bi-color of light blue lavender. 25c.

FRIEDA MOHR—A deep pink of gigantic size and perfect form. Constant prize winner. Fragrance of loeust. 50c.

GIANT KING—One of the largest and finest variegata. 35c.

GRAND MONARCH—Gigantic rich bronze red blend. 50c.

GRACE STURTEVANT—An exceedingly rich deep red-bronze and violet carmen blend. One of the richest colors of all iris. \$1.00.

GENERAL MAC PHERSON—Clear white stands, deep blue falls. 25c.

GERMAINE PETIUS—An intense velvety purple self. 25c.

GOLD IMPERIAL—One of the finest deep yellows. 25c.

GANDVICK—A large flower of fine form, deep lavender standards, and crest deep violet fall, edged lavender. 25c.

HALO—A blue toned bi-color. 25c.

HARRIET PRESBY—A fragrant medium pink. 25c.

IRIS KING—Yellow bi-color. 25c.

INDIAN CHIEF—One of the outstanding recent introductions. Gigantic velvety red bi-color. \$1.00.

IMPERATOR—Bright rosy red bi-color. 25c.

ISOLINE—Beautiful blend of silvery rose and yellow. 25c.

JEAN CHEVEREAU—Yellow blend. 25c.

JUNE NIGHT—A deep dauphins blue with heavy brown stripe. \$1.00.

KALOS—A cloud-like suffusion of pink on white. 25c.

KING MIDAS—An entirely new color break, golden buff and garnet brown bi-color. \$1.00.

KLAMATH—A gigantic flower, brown standards, tinted violet. Falls prune purple. 75c.

LENZSCHINEE—White touched with delicate blue. 25c.

LOS ANGELES—Gigantic white flowers with a feather stitch edging of blue. 75c.

LABOR—A rich unique red toned iris. Large flowers and fine form. 25c.

LORELY—Yellow bi-color. 25c.

LORD OF JUNE—Blue bi-color. Very fragrant and gigantic in size. 25c.

LADY BYNG—A soft aegeratum violet. 25c.

LENT A. WILLIAMSON—Rated finest iris in world in 1922. Violet bi-color blend. 25c.

LINDBERGH—Standards light blue violet, falls rich violet shaded lighter at edges. 35c.

MORNING SPLENDOR—One of the finest American introductions. Large flowers of deep rich red. Illustrated in color on back page. 25c.

MEDRANO—Wild grape odor. Deep wine red. 25c.

MME. CHERAUX—Light blue plicata. 25c.

MINISTER FERDINAND DAVID—Massive flower, superb form and texture. Standards silky red purple. Falls velvety glowing dark red purple. \$2.50.

MAJESTIC—Large flower, heavy substance, standards light blue, falls deep purple. 25c.

MARY BARNET—Light blue with orange beard. 25c.

MT. ROYAL—S light blue, F deep purple. 25c.

MME. HENRY CAYEAUX—Deep smoky red violet. 25c.

MRS. MARIAN CRAN—Very tall deep pink. 25c.

MOA—S bronze violet, F velvety purple. 35c.

MAGNIFICENT—Bright uniform red tone. 25c.

MIRANDA—Medium tone of light blue. 25c.

MRS. ILTES—A true wisteria blue throughout. 35c.

MME. GERADSCHAU—Deep velvety blue-black. 25c.

MARY GIBSON—Soft rosy bronze blend, with yellow throat and rich golden beard. 25c.

MANDRILISCAE—Tall soft blue, valuable for its earliness. 25c.

MILDRED PRESBY—S creamy white, F rich dark velvety pansy violet, with lavender white border. 25c.

MARSH MARYGOLD—Yellow bi-color. 25c.

MILLE. SCHWARTZ—Very large pale mauve. 25c.

NEPENTHE—A pale blend of medium height, S soft buff flush lavender, F very long, same shade, but flushed rosy lavender. \$1.00.

NUMA ROUMESTAN—Very warm rich coppery red iris with orange beard. 75c.

NICHOLAS POUSSIN—Blended placata. 35c.

OPIHELIA—Golden copper and lavender blend. 25c.

OLIVER PERTHUIS—Dark blue bi-color. 25c.

OTOE—Deep toned bronze red purple. 25c.

OPERA—Rich violet red chrome bi-color. 25c.

PIONEER—Red purple, brilliant ruby red when sun shines through it. 25c.

PAVANNE—Deeply bronzed rich red purple, with very long segments. 25c.

PONJEE—New soft buff, with a frosty iridescence, produces the appearance of silk ponjee. \$1.50.

PLUIE D'OR—Pure golden yellow. Dykes medal winner. 75c.

PEERLESS—Large medium blue violet bi-color. Very brilliant colors. 50c.

PURISSIMA—Pure white Iris of gigantic size and perfect form. \$1.00.

PHYLLIS BLISS—Lovely pinkish violet. 25c.

PROSPERO—Tall handsome lavender and purple. 25c.

PRINCESS BEATRICE—Silvery lavender blue, old favorite. 25c.

PEAU ROUGE—Most popular standard red. 25c.

PERFECTION—A dark blue toned old variety that is still good. 25c.

PALADADEL MATICA—Very fragrant, perhaps the oldest iris known. Silvery shade of soft lavender. 25c.

QUEEN CATERINA—A very iridescent soft lavender violet. 25c.

QUAKER LADY—Lavender blue, washed old gold. 25c.

ROMOLA—Pale violet to velvety red violet. Large. 25c.

RHEIN NINE—S pure white, F blue purple. 25c.

REALM—Intense blue self with golden beard. 25c.

SALONIQUE—S cream white, F bright purple. 25c.

SHAWASEE—Velvety red purple bi-color. 50c.

SACHEM—S lustrous pale bronze, F velvety dazzling red brown. \$2.00.

SUNSET—Beautiful coppery red blend. Suffused soft violet. 25c.

SIMON VAISSIERE—S soft azure blue with brilliant analine blue falls. 25c.

SINDJAKHA—Silvery blend. 25c.

SWEET LAVENDER—Large frilled true lavender. 25c.

SUSAN BLISS—Uniform deep orchid pink. 25c.

SOUV. DE LOETTIA MICHAUD—S lobelia blue shading at the edge to paler blue. Falls same color beautifully fringed yellow at the haft. One of the best light blue iris in existence. Pictured in color on page 12. 50c.

THURDWANG—S deep yellow, falls dark plum. 25c.

TAJ MAHAL—Handsome rugged pure white. 25c.

TENEBRAE—Deep velvety red purple. 25c.

WM. MOHR—Ground color pale lilac, whole flower beautifully veined manganese violet. One of the most striking of all iris. 50c.

W. J. FRYER—Yellow bi-color, stands greenish cast, F plum purple. 25c.

WEDGEWOOD—Delightful uniform Wedgewood china blue. 25c.

YVES LAISSAILLY—Lovely combination of white and blue. \$1.00.

YOLANDE—Large flower, dark blue. 25c.

YEOMAN—Large dominion bi-color. Soft violet and mulberry. 25c.

ZULU—Very latest bloomer. Dark blue, line carrying quality. 25c.

THE POGOCYCLUS COLLECTION No. 18

1 Each Balrondor	Blue Topaz
Gray Cloud	Stormy Dawn
Velvo	William Mohr

Catalogue value \$15.50 Postpaid for \$12.50

BEGINNER'S COLLECTION No. 19

25 varieties, one each of the 25 varieties, all labelled, catalogue value \$6.25, postpaid for \$4.50.

COLLECTION No. 20

25 Varieties, unlabelled, \$2.50, postpaid

COLLECTION No. 21

50 Varieties, unlabelled, postpaid, \$4.50

COLLECTION No. 22

1 each all varieties in color on back page. Catalogue value \$4.95 Postpaid for \$3.75

JAPANESE IRIS

Blossoms almost as large as a plate. Nothing more beautiful nor attractive than the Japs. Easily grown. Plant in spring or fall. Assorted colors, 25c each, \$2.00 per doz.





Three New Sass Iris

(Shown at Left)

•

Upper left—Midgard

Middle right—Clara Noyes

Lower left—Euphony

•

(See page 13)

Three Outstanding Iris

(Shown at Right)

•

Upper and lower right—Rhein Nixe

Upper left—Morning Splendor

Lower left—Bruno

•

(See page 15)

